PTO/SB/21 (02-04)
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Application Number PTO/SB/21 (02-04) 10/674,849 **TRANSMITTAL** Filing Date 30 September 2003 **FORM** First Named Inventor Art Unit (to be used for all correspondence after initial filing) 2653 Examiner Name Heinz, Allen J. Attorney Docket Number HSJ9-2003-0075US1 Total Number of Pages in This Submission

| ENCLOSURES (Check all that apply)   |   |  |       |  |   |       |   |                  |  |
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| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT  Firm or Individual name  Signature  Date  OT March 2006   |   |  |       |  |   |       |   |                  |  |
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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| In re Application of: | Gill .     | )   | Group No.:  | 2653              |
|-----------------------|------------|-----|-------------|-------------------|
|                       |            | )   |             |                   |
| Serial No.:           | 10/674,849 | )   | Examiner:   | Heinz             |
|                       |            | ) . |             |                   |
| Filing Date:          | 09/30/2003 | )   | Docket No.: | HSJ9-2003-0075US1 |

For: "THIN DIFFERENTIAL SPIN VALVE SENSOR HAVING BOTH

PINNED AND SELF-PINNED STRUCTURES FOR REDUCED
DIFFICULTY IN AFM LAYER POLARITY SETTING" (AS AMENDED)

MAIL STOP AMENDMENT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

## AMENDMENT AND REQUEST FOR RECONSIDERATION

The Applicant respectfully submits this Amendment and Request for Reconsideration in response to the Office Action for the above-referenced patent application mailed on 14 December 2005.

## IN THE TITLE

Please change the title to:

THIN DIFFERENTIAL SPIN VALVE SENSOR HAVING BOTH PINNED AND SELF-PINNED STRUCTURES FOR REDUCED DIFFICULTY IN AFM LAYER POLARITY SETTING